BARNSTEAD|THERMOLYNE CORPORATION

Harvey®

Hydroclave MC8
Hydroclave MC10
Steam Sterilizer

PARTS CATALOG

2-350410 • 3/26/98

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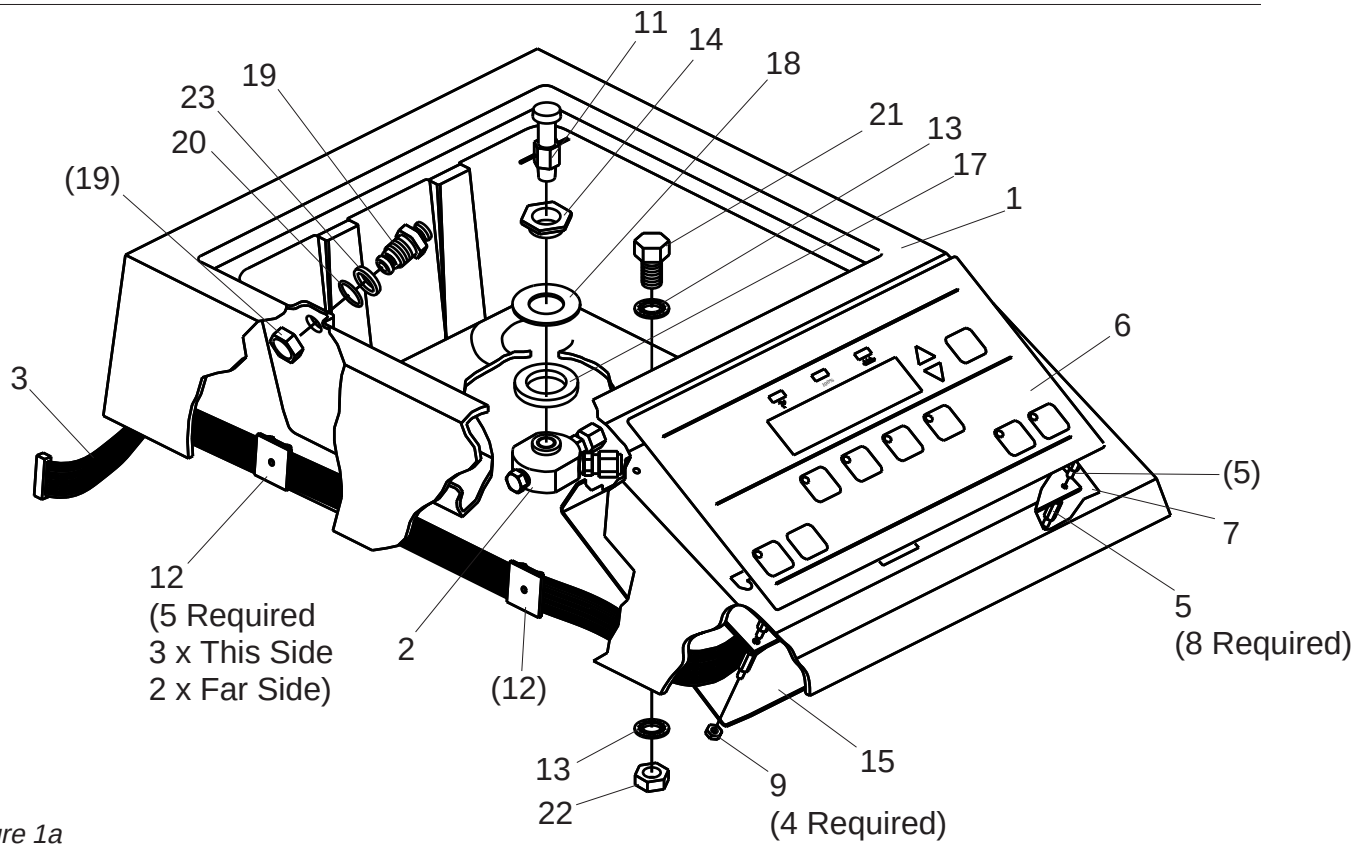

Figure 1a
Top Cover Assembly Components, MC8

Top Cover Assembly Components, MC8 - Refer to Figure 1a

Item	Part No.	Description
1	265881	Reservoir Replacement Package (including Switch Panel)
2	265816	Fitting, Bulkhead
3	265750	Wire Harness, I/O to Controls
4	265568	Wire, Door Switch (not shown)
5	265557	Standoff, Male to Female (9/16 long)
6	265532	Display/Switch Panel (MC8)
7	265502	Board, Display PC (MC8/MC10)
9		Nut, #6-32 Hex
10	265871	Jumper Assembly, Display PC Board (not shown)
11	265076	Screen, Reservoir
12	266053	Retainer, 3/8 OD Tube Clip
13	267507	Seal, 27/64 ID x 3/4 OD Fastener
14	264740	Nut, Bulkhead
15	265563	Shield, Display PC Board
17	264739	Gasket, Bulkhead
18	2283	Washer, Flat, .74 x .98 x .09 TFE
19	265833	Fitting, Vent
20	GSX48	O-Ring
21	267502	Bolt, 7/16-20 x 3/4 Hex Head
22	267503	Nut, 7/16-20 Hex Jam
23	FWX128	Washer Flat, .570 x .813 x .125 Aluminum

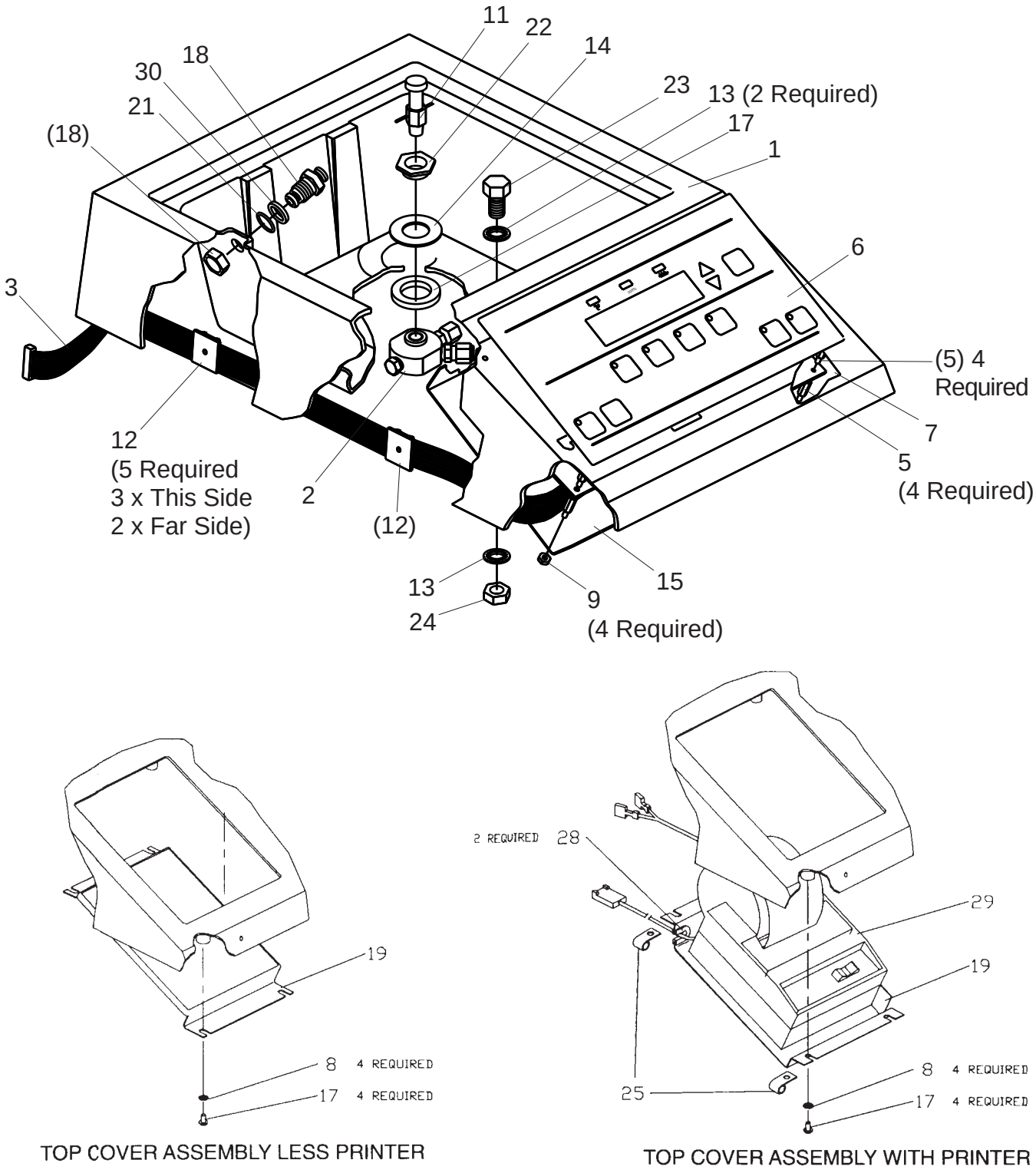

Figure 1b
Top Cover assembly Components, MC10

Top Cover Assembly Components, MC10 - Refer to Figure 1b

Item	Part No.	Description
1	265879	Reservoir Replacement Package (including Switch Panel)
2	265816	Fitting, Bulkhead
3	265750	Wire Harness, I/O to Controls
4	265568	Wire, Door Switch
5	265557	Standoff, Male to Female (9/16 long)
6	265533	Display/Switch Panel (MC10)
7	265502	Board, Display PC (MC8/MC10)
8		Washer, #6 External Tooth Lock
9		Nut, #6-32 Hex
10	264739	Gasket, Bulkhead
11	265076	Screen, Reservoir
12	266053	Retainer, 3/8 OD Tube Clip
13	267507	Seal, 27/64 ID x 3/4 OD Fastener
14	2283	Washer, Flat, .74 x .98 x .09 TFE
15	265563	Shield, Display PC Board
16	260326	Sealant, Locktight Hydraulic (not shown)
17		Screw, #6-32 x 3/8 Pan Head
18	265833	Fitting, Vent
19	264813	Bracket, Printer Support
	264814	Cover, Printer Cavity (Units without Printer)
21	GSX48	O-Ring
22	264740	Nut, Bulkhead
23	267502	Bolt, 7/16-20 x 3/4 Hex Head
24	267503	Nut, 7/16-20 Hex Jam
25	262475	Clamp, 1/4 OD Harness Clip
27	265871	Jumper Assembly, Display PC Board (not shown)
28	264827	Grommet, Caterpillar
29	264695	Printer Assembly, Serial
30	FWX128	Washer Flat, .570 x .813 x .125 Alum.

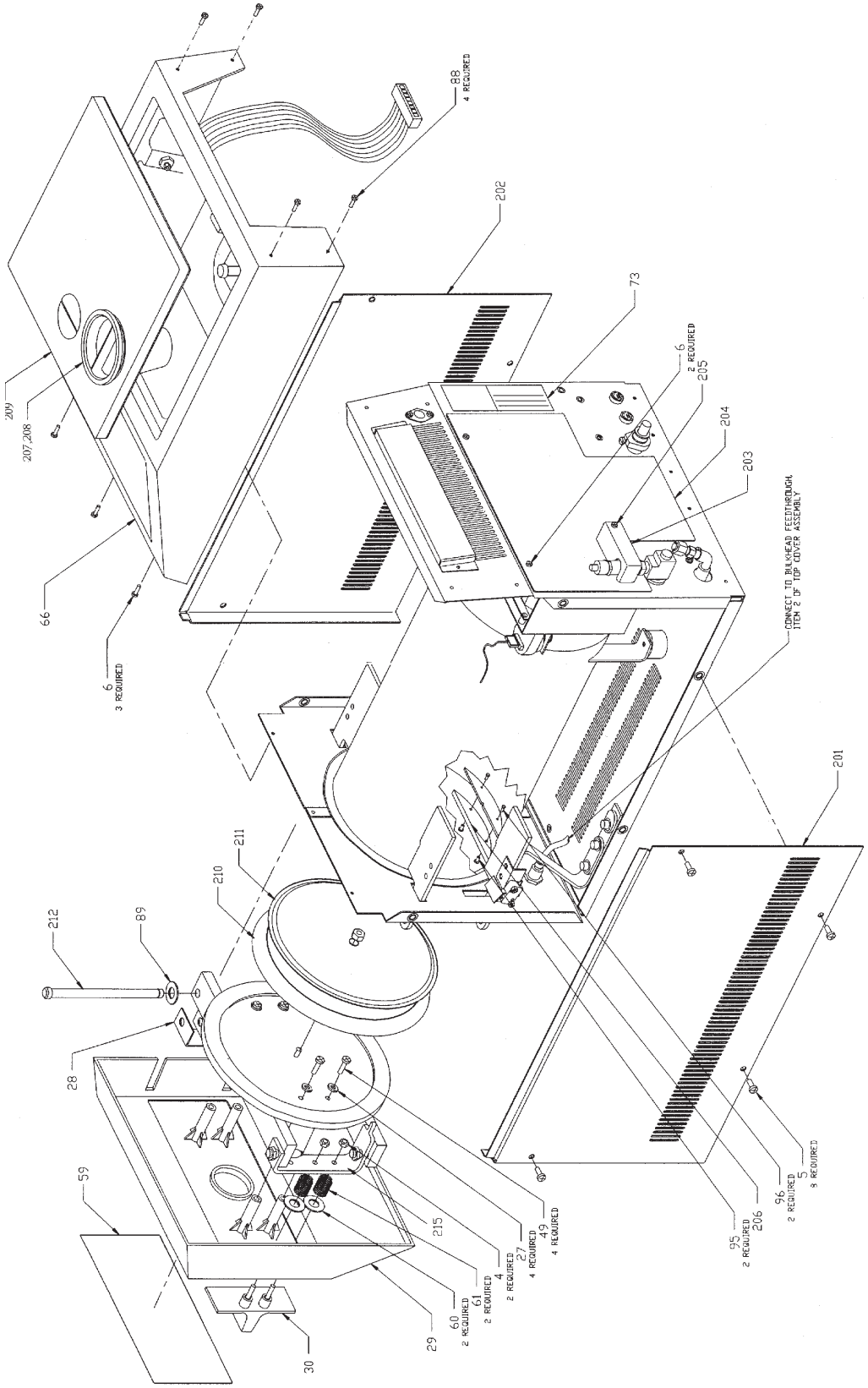

Figure 2a
Cabinet and Door Components, MC8

Cabinet and Door Components, MC8 - Refer to Figure 2a

Item	Part No.	Description
4		Nut, #10-32 Self-Locking Hex
5		Screw, #10-32 x 1/2 Phillips Pan Head
6		Screw, #10 Split Lock
27		Washer, #10 Split Lock
28	265057	Stop, Door
29	265029	MC8 Door Cover
30	265028	Handle, Door
	266757	Door Handle Kit with Springs
49		Screw, #10-32x 3/4 Phillips Pan Head
59	265534	Decal, MC8 Door
60	265096	Washer, 1/2 ID x 1 OD Flat (Delrin)
61	265145	Spring, Door Handle
66	265554	Top Cover/Reservoir, MC8
73		Plate, Serial Number
88	265829	Fastener, Pine Tree
89	265181	Washer, 3/8 ID x 7/8 OD x 1/32 thick Falt (Delrin)
95	267504	Standoff, #6-32 Internal Thread
96		Screw, #6-32 x 1/4 Phillips Pan Head
201	265674	Panel, MC8 Right Side
202	265673	Panel, MC 8 Left Side
203	265095	Cover, Pressure Relief Valve
204	265536	Cover, MC8 Rear
205		Screw, #6-32 x 1-1/4 Phillips Pan Head
206	265848	Seal, Rubber
207	265021	O-Ring, Cap
208	265032	Cap, Reservoir Fill
209	265184	Lid, MC8/MC10 Reservoir
210	2-69904	Gasket, MC8 Door
	265109	Gasket Kit
211	2-513163	Retainer, MC8 Door Gasket
212	2-67284	Pin,MC8 Hinge **(ASME Part—provide the sterilizer Serial Number when ordering)**
213	2-E5530	Ring, External Retaining for 3/8 diameter Shaft
215	260764	Door Latch Assembly **(ASME Part—provide the sterilizer Serial Number when ordering)**

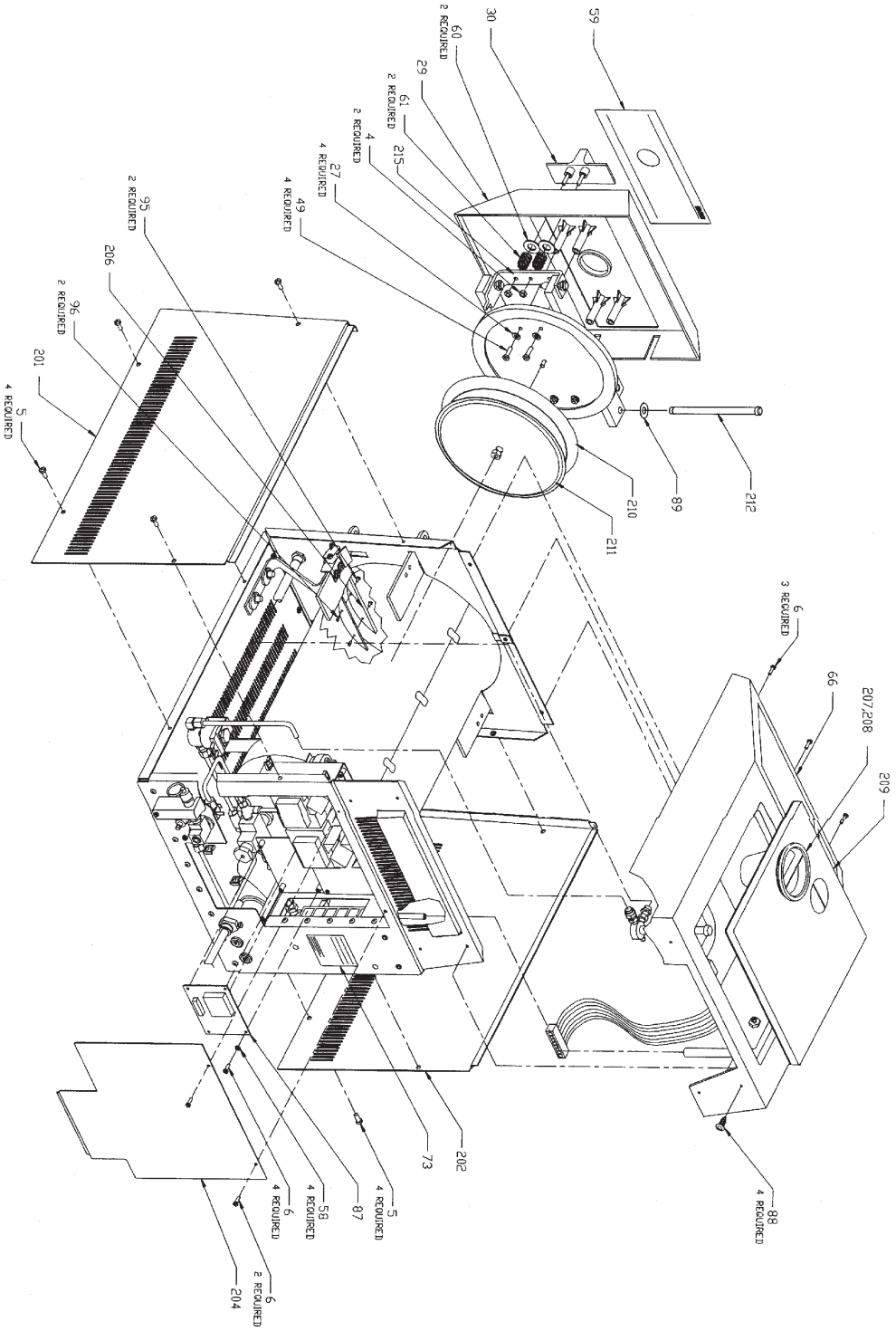

Figure 2b
Cabinet and Door Components, MC10

Cabinet and Door, Components, MC10 - Refer to Figure 2b

Item	Part No.	Description
4		Nut, #10-32 Self-Locking Hex
5		Screw, #10-32 x 1/2 Phillips Pan Head
6		Screw, #10 Split Lock
27		Washer, #10 Split Lock
29	265057	Stop, Door
30	265028	Handle, Door
	266751	Door Handle Kit with Springs
49		Screw, #10-32x 3/4 Phillips Pan Head
58	261665	Washer, #6 Internal Tooth Lock
59	265535	Decal, MC10 Door
60	265096	Washer, 1/2 ID x 1 OD Flat (Delrin)
61	265145	Spring, Door Handle
66	265570	Top Cover/Reservoir, MC10
87	265514	Board, Printer Power PC
73		Plate, Serial Number
88	265829	Fastener, Pine Tree
89	265181	Washer, 3/8 ID x 7/8 OD x 1/32 thick Falt (Delrin)
95	267504	Standoff, #6-32 Internal Thread
96		Screw, #6-32 x 1/4 Phillips Pan Head
201	265531	Panel, MC10 Right Side
202	265530	Panel, MC10 Left Side
204	265724	Cover, MC10 Rear
206	265848	Seal, Rubber
207	265021	O-Ring, Cap
208	265032	Cap, Reservoir Fill
209	265184	Lid, MC8/MC10 Reservoir
210	2-513005	Gasket, MC10 Door
211	2-513004	Retainer, MC10 Door Gasket
212	2-68723	Pin,MC10 Hinge **(ASME Part—provide the sterilizer Serial Number when ordering)**
213	2-E5530	Ring, External Retaining for 3/8 diameter Shaft
215	260765	MC10 Door Latch Assembly **(ASME Part—provide the sterilizer Serial Number when ordering)**

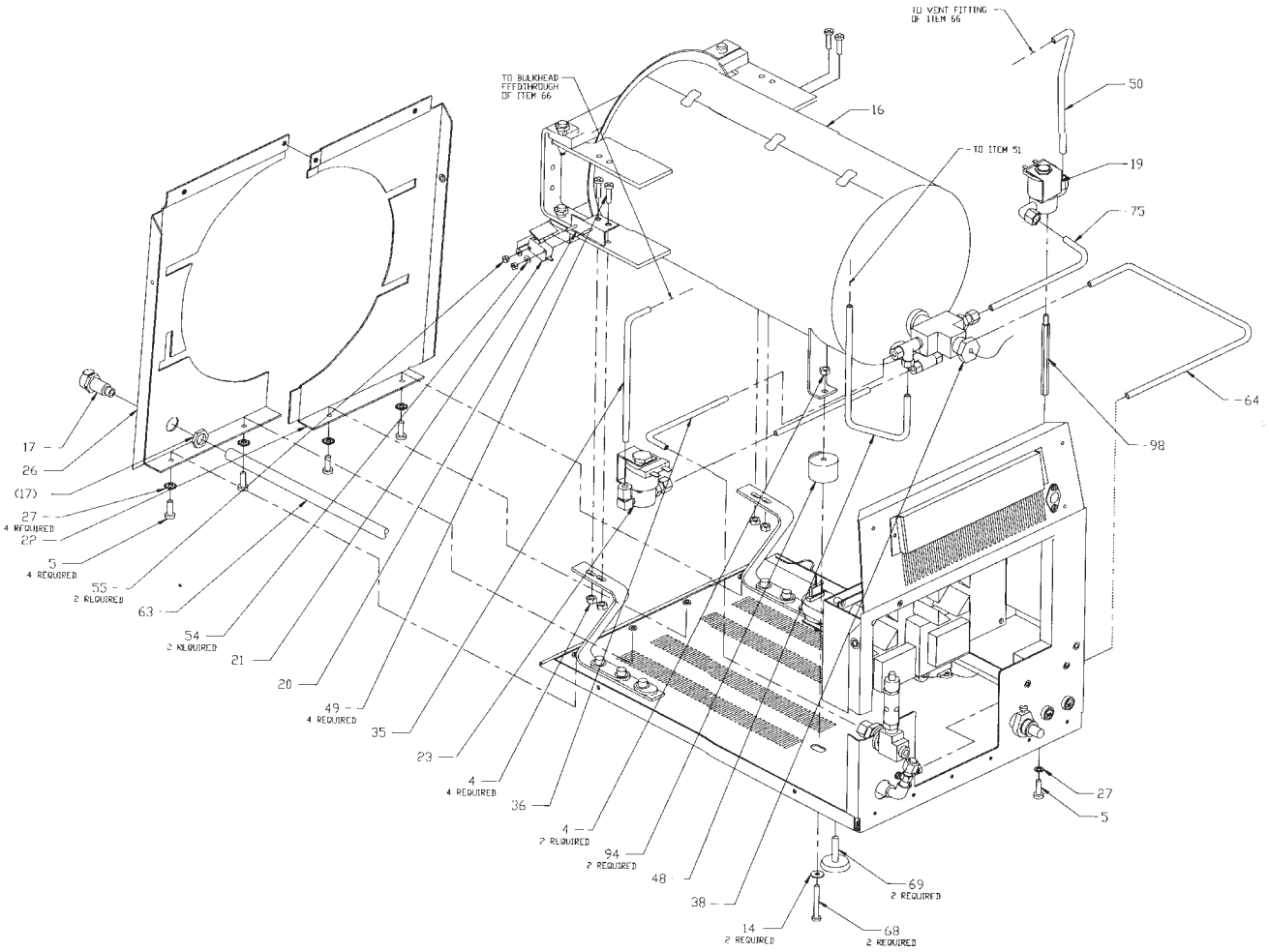

Figure 3a
Piping and Front Panel Component

Piping and Front Panel Components, MC8 - Refer to Figure 3a

Item	Part No.	Descrption
4		Nut, #10-32 Self Locking Hex
5		Screw, #10-32 x 1/2 Phillips Pan Head
14		Washer, #10 Flat
16	265683	MC8 Chamber Assembly (factory installation only)
17	260983	Coupling, 3/8 OD Quick Connect
19	265839	Solenoid Assembly, #1 Vent
20	265031	Bracket, Door Interlock
21	265030	Switch, Door Interlock
22	265675	Panel, left Front (MC8)
23	265690	Solenoid Assembly, #2 Fill
26	265676	Panel, Right Front (MC8)
27		Washer, #10 Split Lock
35	265552	Pipe,Reservoir to Fill Valve (MC8)
36	265551	Pipe, Chamber/Pressure Relief Valve (MC 8)
38	265500	Sensor Probe, Temperature RTD
48	265549	Pipe, Chamber to Transducer (MC8)
49		Screw, #10-32 x 3/4 Phi;;ips Pan Head
50	264774	Pipe, Reservoir to Vent Solenoid Valve (MC 8)
54		Washer, #4 Internal Tooth Lock
55		Nut, #4-40 Hex
63	265740	Tube, Bulkhead Drain Valve (MC8)
64	265614	Pipe, Chamber to Non-Recirculating Solenoid Valve (MC8)
68		Screw, #10-32 x 1-1/2 Phillips Pan Head
69	264687	Foot, Adjustable (3/8 - 16 x 1)
75	265738	Pipe, Vent Solenoid Valve to Chamber (MC8)
94	265709	Spacer, Chamber (MC8)
98	265844	Standoff, 4 long Hex

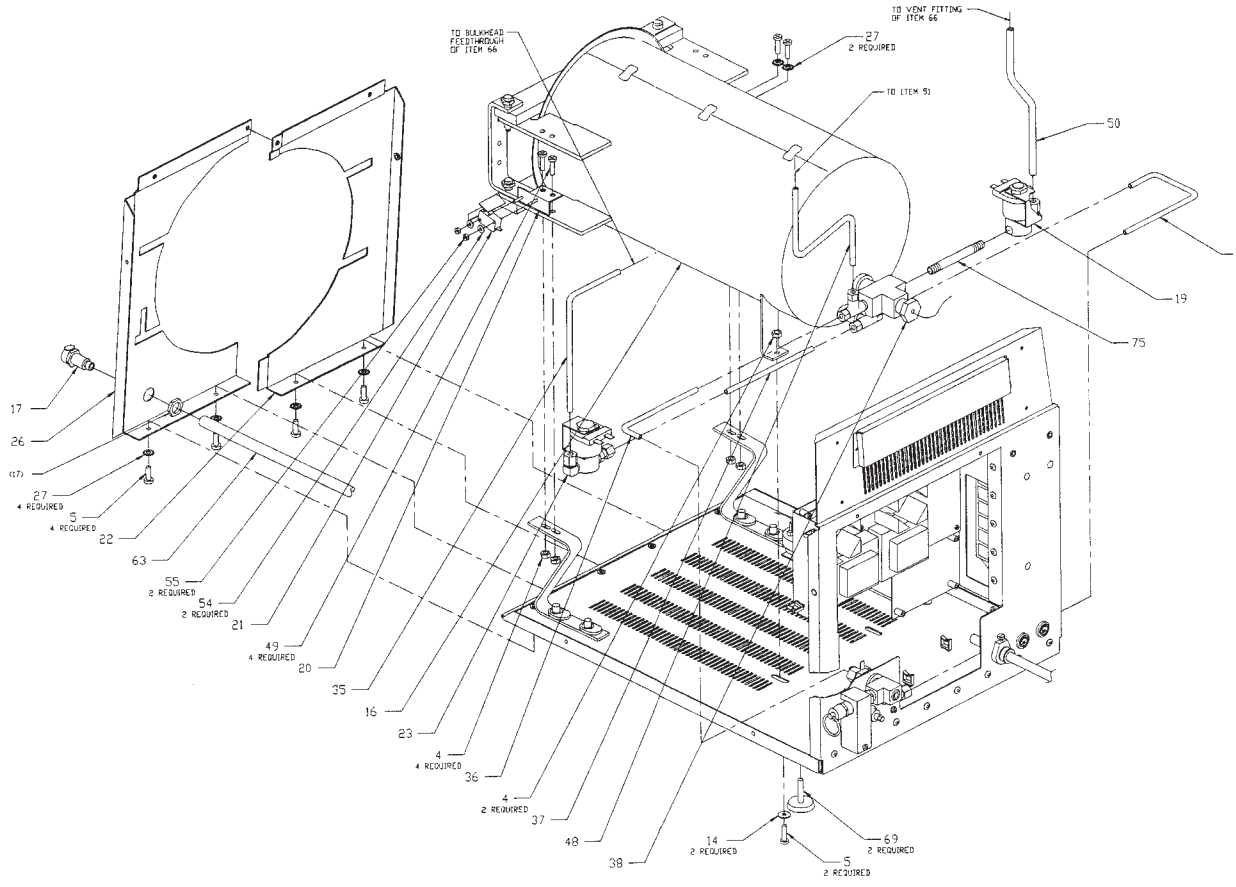

Figure 3b
Piping and Front Panel Components, MC10

Piping and Front Panel Components, MC10 - Refer to Figure 3b

Item	Part No.	Description
4		Nut, #10-32 Self-Locking Hex
5		Screw, #10-32 x 1/2 Phillips Pan Head
14		Washer, #10 Flat
16	265556	MC10 Chamber Assembly (factory installation only)
17	260983	Coupling, 3/8 OD Quick Connect
19	265691	Solenoid Assembly, #1 Vent
20	265031	Bracket, Door Interlock Switch
21	265030	Switch, Door Interlock
22	265528	Panel, Right Front (MC10)
23	265690	Solenoid Assemby, #2 Fill
26	265529	Panel, Right Front (MC10)
27		Washer, #10 Split Lock
35	265743	Pipe, Reservoir to Fill Valve (MC10)
36	265748	Pipe, Chamber/Pressure Relief Valve (MC10)
37	265746	Pipe, Straight (1/4 OD x 4-3/4 long)
38	265500	Sensor Probe, Temperature RTD
48	265749	Pipe, Chamber to Transducer (MC10)
49		Screw, #10-32 x 3/4 Phillips Pan Head
50	265741	Pipe, Reservoir to Vent Solenoid Valve (MC10)
54		Washer, #4 Internal Tooth Lock
55		Nut, #4-40 Hex
63	265745	Tube, Bulkhead Drain Valve (MC10)
64	265747	Pipe, Chamber to Non-Recirculating Solenoid Valve (MC10)
69	264687	Foot, Adjustable (3/8-16 x 1)
75	265790	Nipple, 1/8 MPT x 4 long

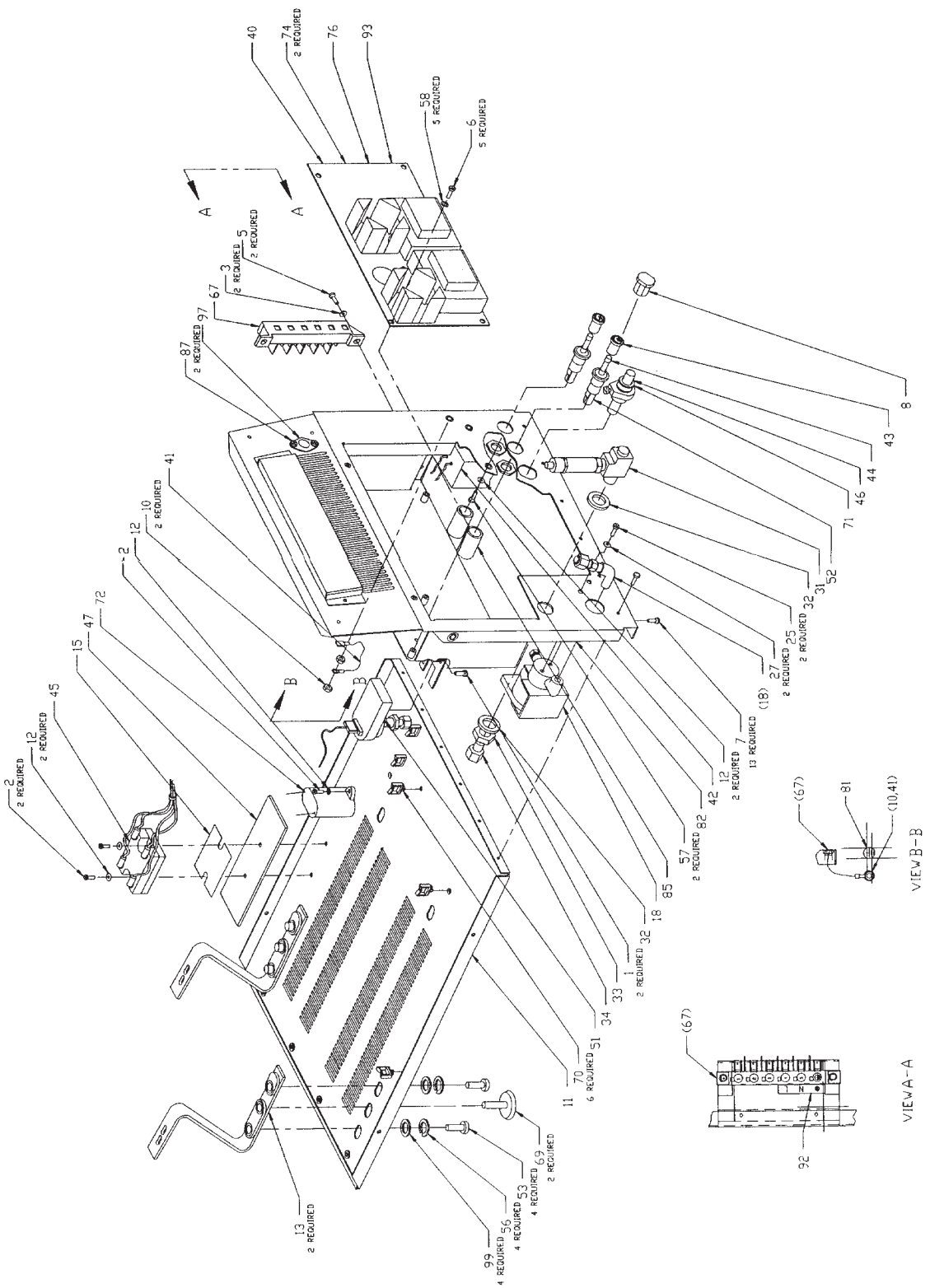

Figure 4a
Base and Rear Panel Components, MC8

Base and Rear Panel Components, MC8 - Refer to Figure 4a

1		Screw, #6 x 1/4 Self-Tapping
2		Screw, #8-32 x 1/2 Pan
3		Washer,#10-32 x 1/2 Phillips Pan Head
5		Screw, #10-32 x 1/2 Phillips Pan Head
6		Screw, #6-32 x 1/2 Phillips Pan Head
7		Rivet, 1/8 x 1/8 Blind Grip
8	264795	Plug, 5/8 diameter Double D (115 V units)
10		Nut, #8-32 Hex
11	265815	Chassis Base, MC8
12		Washer #8 Lock
13	265813	Stand, Chamber (MC8)
15	264802	Pad, Relay
18	265757	Solenoid Assembly, #3 Non-Recirculating
25		Screw, #10-32 x 3/8 Phillips Pan Head
27		Washer, #10 Split Lock
31	250052411	Valve, Pressure Relief
32		Washer, Flat
33	250052421	Nut, Lock
34	250010611	Connector, Male
40	265751	Board, Power I/O pC
41	266021	Wire Assembly, Ground
42	265793	Filter,EMI
43	265803	Carrier, Fuse
44	266058	Fuse,15 Amp Time Delay, 5mm x 20mm (115V units)
	264306	Fuse, 8 Amp Time Delay, 5mm x 20mm (230V units)
45	265723	Relay
46	230752000	Power Cord Assembly
47	265706	Heatsink, Solid State Relay
51	265809	Pressure Transducer Assembly
52	265773	Body, Fuse Holder
53		Screw, 3/8-16 x 3/4 Hex Head
56		Washer, 3/8 Split Lock
57		Screw, #8-32 x 1/4 Phillips Pan Head
58		Washer, #6 Internal Tooth Lock
67	265791	Block, 6 Pole Terminal
69	264687	Foot, Adjustable (3/8-16 x 1)
70	261591	Wire Saddle
71	266841	Strain Relief
72	265792	Noise Capacitor Assembly, AC

Base and Rear Panel Components, MC8 - Continued

74	266028	Wire Assembly, Black
76	265810	Wire Assembly, White (12”)
77	265826	Wire Assembly, Single Term White (12”) not shown
79	265811	Wire Assembly, Single Term Black (12”) not shown
81	2-65723	Decal, Earth Ground
82	265807	Panel,Chassis Rear (MC8)
85	265828	Insulator, Fuse Holder
86	265761	Wire Harness, Solenoid Valves (not shown)
87		Screw, #4-40 x 1/2 Phillips Pan Head
92	264713	Label, Terminal Block
93	261619	Wire Assembly, White (3-1/2”)
97	264376	Wire Harness Assembly, Printer
99		Washer, 3/8 ID x 5/8 OD Flat

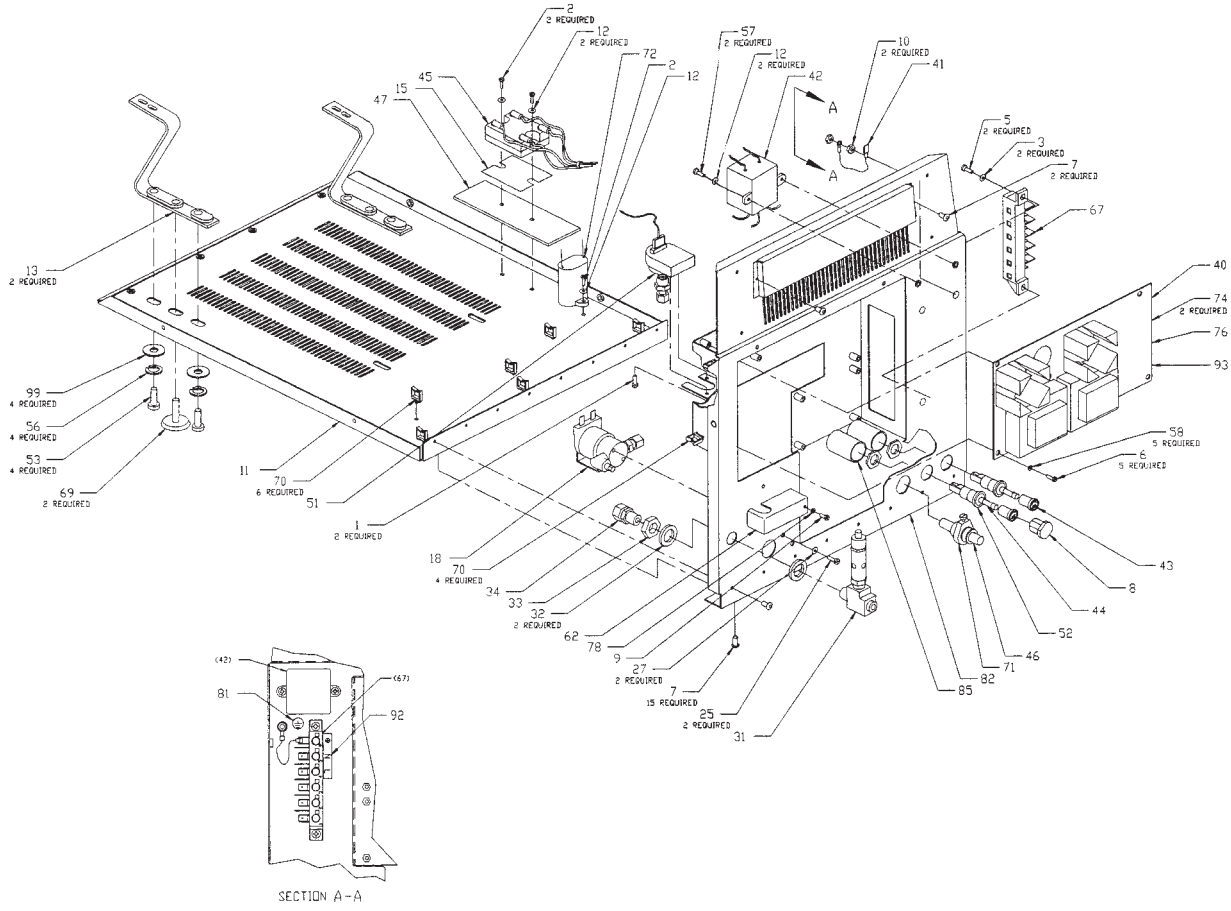

Figure 4b
Base and Rear Panel Components, MC10

Base and Rear Panel Components, MC10 - Refer to Figure 4b

Item	Part No.	Description
1		Screw, #6 x 1/4 Self-Tapping
2		Screw, #8-32 x 1/2 Pan
3		Washer,#10-32 x 1/2 Phillips Pan Head
5		Screw, #10-32 x 1/2 Phillips Pan Head
6		Screw, #6-32 x 1/2 Phillips Pan Head
7		Rivet, 1/8 x 1/8 Blind Grip
8	264795	Plug, 5/8 diameter Double D (115 V units)
9		Screw, #6-32 x 1-1/4 Phillips Pan Head
10		Nut, #8-32 Hex
11	265814	Chassis Base, MC10
12		Washer #8 Lock
13	265795	Stand, Chamber (MC10)
15	264802	Pad, Relay
18	265757	Solenoid Assembly, #3 Non-Recirculating
25		Screw, #10-32 x 3/8 Phillips Pan Head
27		Washer, #10 Split Lock
31	250052411	Valve, Pressure Relief
32		Washer, Flat
33	250052421	Nut, Lock
34	250010611	Connector, Male
40	265751	Board, Power I/O PC
41	266021	Wire Assembly, Ground
42	265793	Filter,EMI
43	265803	Carrier, Fuse
44	266058	Fuse,15 Amp Time Delay, 5mm x 20mm (115V units)
	264306	Fuse, 8 Amp Time Delay, 5mm x 20mm (230V units)
45	265723	Relay
46	230752000	Power Cord Assembly
47	265706	Heatsink, Solid State Relay
51	265809	Pressure Transducer Assembly
52	265773	Body, Fuse Holder
53		Screw, 3/8-16 x 3/4 Hex Head
56		Washer, 3/8 Split Lock
57		Screw, #8-32 x 1/4 Phillips Pan Head
58		Washer, #6 Internal Tooth Lock
62	265095	Cover, Pressure Relief Valve

Base and Rear Panel Components, MC10 - Continued

67	265791	Block, 6 Pole Terminal
69	264687	Foot, Adjustable (3/8-16 x 1)
70	261591	Wire Saddle
71	266841	Strain Relief
72	265792	Noise Capacitor Assembly, AC
74	266028	Wire Assembly, Black
76	265810	Wire Assembly, White (12”)
77	265826	Wire Assembly, Single Term white (12”) not shown
78		Washer, #6 External Tooth Lock
79	265811	Wire Assembly, Single Term Black (12”) not shown
81	2-65723	Decal, Earth Ground
82	265806	Panel,Chassis Rear (MC10)
85	265828	Insulator, Fuse Holder
86	265761	Wire Harness, Solenoid Valves (not shown)
92	264713	Label, Terminal Block
93	261619	Wire Assembly, White (3-1/2”)
99		Washer, 3/8 ID x 5/8 OD Flat

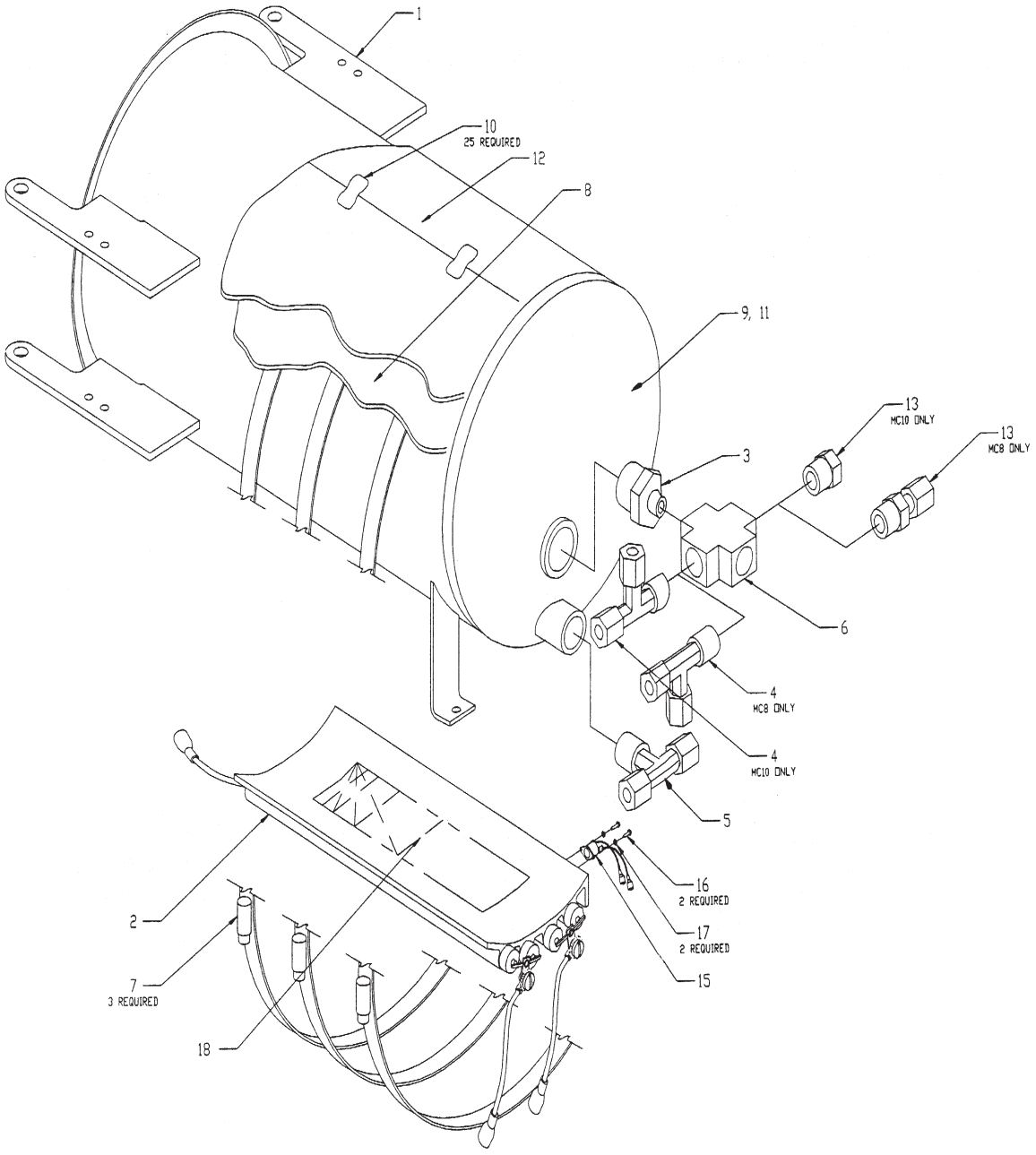

Figure 5
Chamber Assembly

Chamber Assembly MC8 & MC10 - Refer to Figure 5

Item	Part No.	Description
1		Chamber, Hydro Package (factory installation only)
2	265842	MC8 Heater Assembly (factory installation only)
	265843	MC10 Heater Assembly (factory nstallation only)
3	265846	Nipple, 1/2 to 1/4 Reducing
4	265548	Tee, Male, 1/4 MPT x 1/4 OD Tubing
5	260066131	Tee, Male Branch
6	PMX109	Cross, 1/4 FPT
7	2-40265	Clamp, 9-1/2 nominal diameter Worm (MC8)
	2-62314	Clamp, 11-1/2 nominal diameter Worm (MC10)
8	280006401	Insulation, Fiberglass (MC8)
	230011606	Insulation, Fiberglass (MC10)
9	260864	Netting, 15 wide x 28 long Nylon
10	260009301	Clip, netting Retaining
11	260869	Insulation, 9 diameter x 1 thick Fiberglass (MC8)
	260870	Insulation, 11 diameter x 1 thick Fiberglass (MC10)
12	260865	Netting, 18 wide x 40 long Nylon (MC8)
	260866	Netting, 20 wide x 47 long Nylon (MC10)
13	264599	Fitting, 1/4 MPT x 1/4 OD Tubing (MC 8)
	230301201	Bushing, 1/4 MPT x 1/8 FPT Reducing (MC10)
15	265016	Switch, Thermal Cut-Out (230C)
16		Screw, #4-40 x 1/4 Pan Head
17		Washer, #4 Internal Tooth Lock
18	CMX6	Grease, Thermal

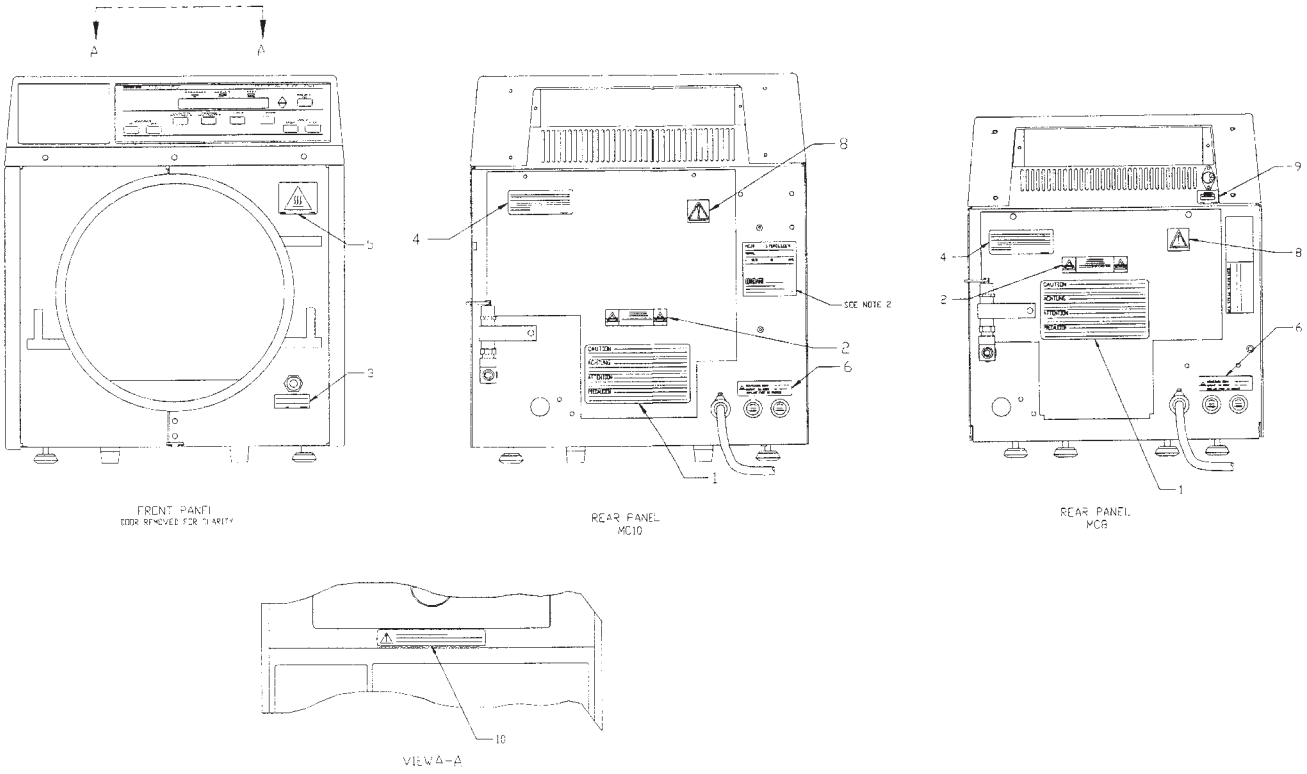

Figure 6 - Decals and Labels

Decals and Labels MC8 & MC10 - Refer to Figure 6

Item	Part No.	Description
1	264019	Label, Shock Hazard
2	2-263037	Label, Service Warning
3	2-350150	Decal, Reservoir Drain
4		Plate, Patent
5	264732	Label, Hot Surface
6	260956	Label, Fuse Rating
7	265859	Tag, Voltage Configuration
8	260906	Decal, Warning Triangle
9	264727	Label, Printer (MC8)
10	264834	Label, Cover in Place
11	265862	Tag, Level Unit (not shown)

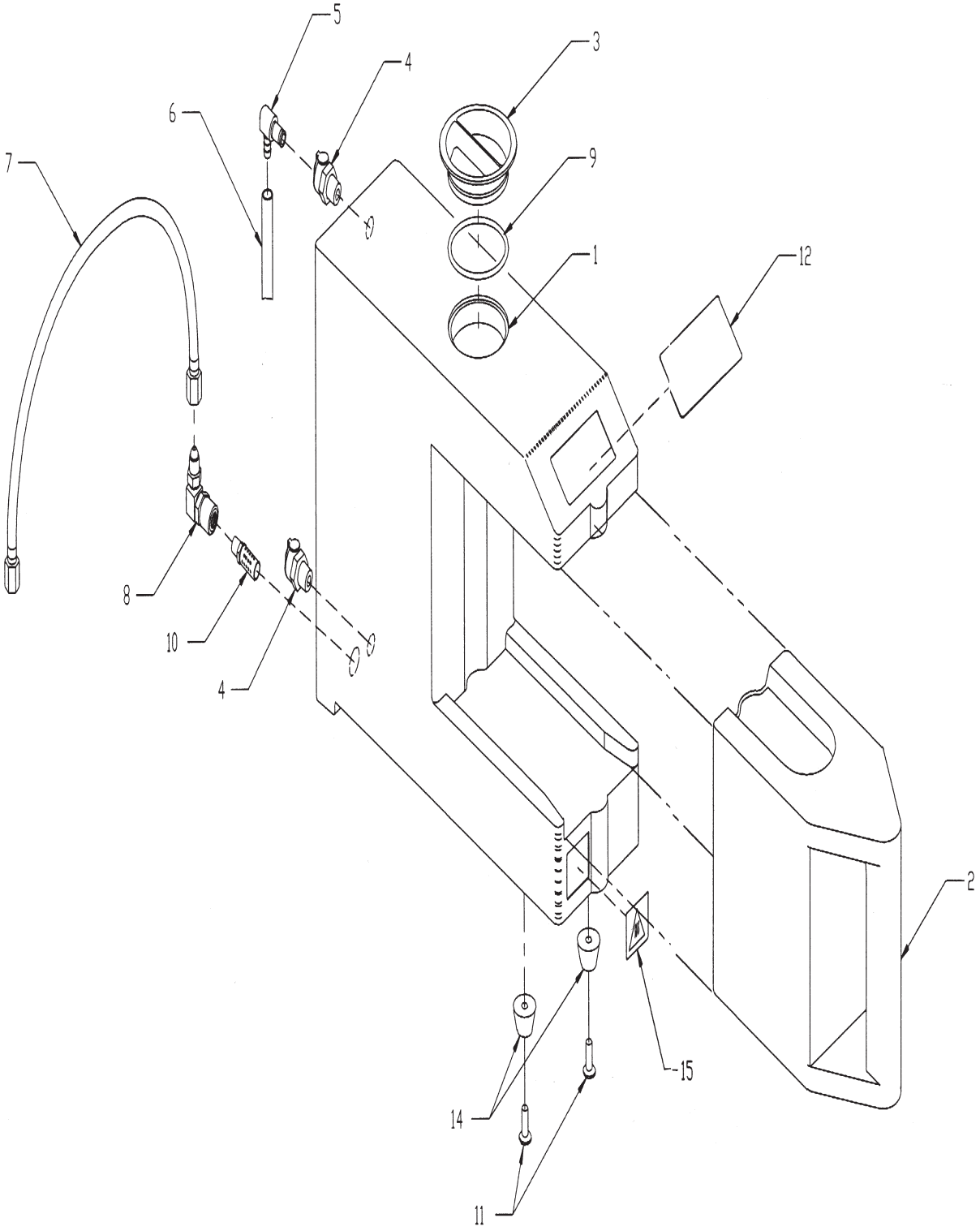

Figure 7
Non-Recirculating Option

Non-Recirculating Option - Refer to Figure 7

Item	Part No.	Description
1		Housing, Non-Recirculating Bottle
2	265644	Bottle, Non-Recirculating
3	265032	Cap, Non-Recirculating
4	265654	Coupling, 1/4 MPT Quick Disconnect
5	265655	Hose Barb, 1/4 ID x 3/8 OD Clear Plastic
6	265642	Tubing, 1/4 ID x 3/8 OD, 5’ long Clear Plastic
7	265641	Hose, Non-Recirculating
8	267490	Fitting, Muffler to Hose
9	267474	O-Ring, Housing
10	267467	Muffler, Exhaust
11		Screw, #10-32 x 1/2 Phillips Pan Head
12	265650	Label, Harvey Non-Recircualtion
14	264699	Foot, Housing
15	264732	Label, Hot Surface

Recommended Spare Parts List

Qty.	Part No.	Description
1	265109	Door Gasket Kit, MC8
1	2-513005	Door Gasket, MC10
1	260983	Drain Coupling
1	267414	Drain Hose Assemby (including Fitting)
1	265076	Filter, Reservoir
1	266058	Fuse, 15 Amp Time delay, 5mm x 20mm (115V units)
2	264306	Fuse, 8 Amp Time Delay, 5mm x 20mm (230V units)
1	260284	Printer Paper Roll (Package of 6 rolls)
1	264116	Printer Ribbon
1	265081	Screen, Chamber
1	265690	Solenoid Valve #2, Drain/Fill
1	265839	Solenoid Valve #1, Vent, MC8
1	265691	Solenoid Valve #1, Vent, MC10
1	265757	Solenoid Valve #3, Non-Recirculating
1	265030	Switch, Door Lock

Note

It is recomended that the partss listed above be maintained in stock to ensure parts are immediately available when needed.

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